

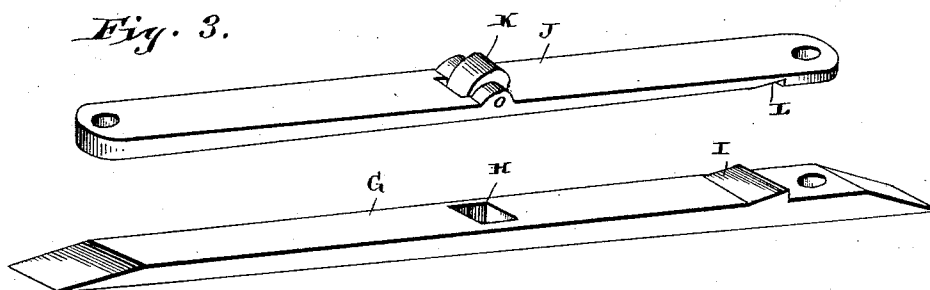
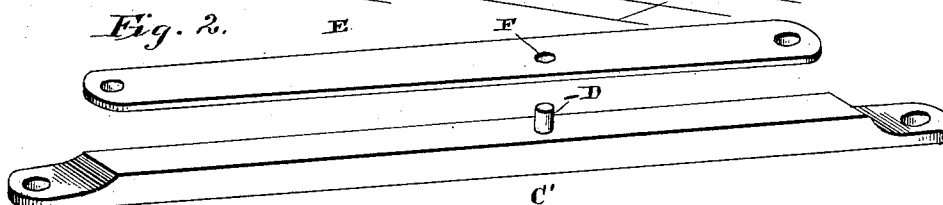
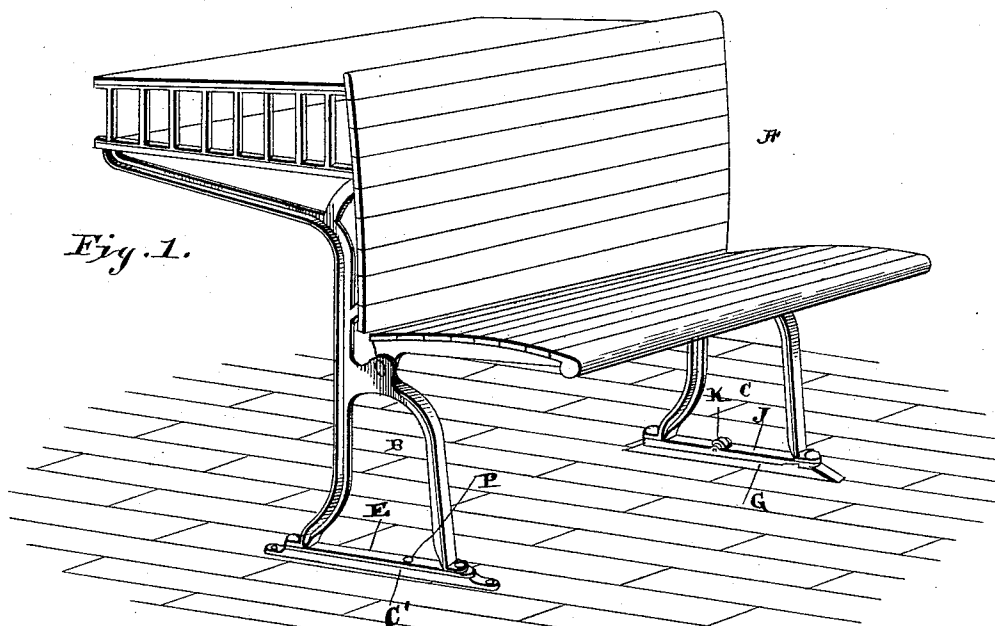
(No Model.)

G. A. HAMMOND.

DEVICE FOR SECURING DESKS AND SEATS TO THE FLOOR.

No. 484,657.

Patented Oct. 18, 1892.



Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE A. HAMMOND, OF BENNETT, MICHIGAN.

DEVICE FOR SECURING DESKS AND SEATS TO THE FLOOR.

SPECIFICATION forming part of Letters Patent No. 484,657, dated October 18, 1892.

Application filed May 5, 1892. Serial No. 431,902. (No model.)

To all whom it may concern:

Be it known that I, GEORGE A. HAMMOND, of Bennett, in the county of Lake and State of Michigan, have invented certain new and useful Improvements in Devices for Securing Desks and Seats to the Floor; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in devices for securing desks and seats to the floor; and it consists in the novel features of construction which will be fully described hereinafter, and more particularly referred to in the claims.

The object of my invention is to mount a desk or seat in such a manner that it may be turned upon a pivot out of its normal position into the aisle, thus giving ready access to the floor space beneath it for sweeping and scrubbing.

Referring to the accompanying drawings, Figure 1 is a perspective view of a combined desk and seat provided with my improvement. Figs. 2 and 3 are detached views of the parts which constitute the attachment.

A represents a desk of any desired construction, which is arranged with others along an aisle in a school-room or meeting-hall.

B C represent the legs of the desk at its respective ends.

C represents a strip of board or metal which is secured to the floor, and projecting from the center thereof is the pivotal bolt D. Fastened to the bottoms of the legs B is the strip E, having the opening F, through which projects the bolt D. Thus it will be seen that the desk is pivotally secured to the floor at this end.

G represents a cleat which is fastened to the floor parallel with the strip C. The upper surface of this cleat is inclined, and formed in its center is the opening H, and at the upper end of the inclined surface is the rib or projection I.

Secured to the bottom of the leg C' is the cleat J, which is provided with an opening in its center, as shown, and journaled in this opening is the roller K. At the end of this

last-named cleat is the recess L, which when the desk is in its normal position registers with the rib I, and thus the desk is held from turning. The roller K serves to support the outer end of the seat in its movement on the pivot D, and when the desk is turned back to its normal position it will be seen that the roller will run up the inclined strip G until the opening H is reached, into which it will drop, while at the same time the rib and recess are in engagement. The top of the cleat G is made sloping, so that when the desk is being moved back to its normal position the rise of the strip J and roller K thereon will not be any more abrupt than absolutely necessary. As shown, the rise is gradual and the movement is accomplished with ease. Cleat J is constructed with an inclined under surface, so as to constitute its top a level support for the feet of the desk. Thus it will be seen that by elevating slightly the swinging end of the desk the same may be readily turned around when it is desired to clean the floor, and when finished it is easily swung back in position and there securely held.

Having thus described my invention, I claim—

1. The combination, with a desk having projecting legs at each of its ends and a pivotal support for one of the said ends, of a strip secured to the legs at the opposite end, a roller journaled in the said strip, and a cleat secured to the floor which is provided with a depression in which the said roller rests, substantially as shown and described.

2. The combination of a desk, legs therefor, a strip secured to one of the legs, a strip secured to the floor to which the said leg-strip is pivoted, a strip secured to the legs of the opposite end of the desk, a roller journaled in an opening in the said strip, a strip secured to the floor, which is provided with an opening into which the said roller rests, inclined rib I, and a corresponding inclined depression L on the adjacent faces of the last-named strips, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE A. HAMMOND.

Witnesses:

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